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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO			Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application Number	1D 816 380
(use as many sheets as necessary)			Filing Date	Herewith
Sheet	1	of 24	First Named Inventor	Schenk
			Art Unit	
			Examiner Name	
			Attorney Docket Number	15270J-004736US

U.S. PATENT DOCUMENTS				
Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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Examiner Signature	<i>LCO</i>	Date Considered	12/13/04
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 24

*Complete if Known*

Application Number	10 816,380
Filing Date	Herewith
First Named Inventor	Schenk
Art Unit	
Examiner Name	
Attorney Docket Number	15270J-004736US

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**Complete If Known**

Application Number	10 816 380
Filing Date	Herewith
First Named Inventor	Schenk
Art Unit	
Examiner Name	

Attorney Docket Number 15270J-004736US

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
10	343	EP	1 172 378	A1	01-16-2002			

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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	96	BAUER et al., "Interleukin-6 and $\alpha$ -2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <u>FEBS Letters</u> , 285(1):111-114 (1991).	<input type="checkbox"/>
	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," <u>Reuters</u> , April 20, 2001 7:56 PM ET.	
	404	BENJAMINI and LESKOWITZ, from <u>IMMUNOLOGY A Short Course</u> , Second Edition, Chapter 4, Antibody Structure, pages 49-65, 1991, published by Wiley-Liss, Inc., New York, New York.	
	204	BERCOVICI et al., "Chronic Intravenous Injections of Antigen Induce and Maintain Tolerance in T Cell Receptor-Transgenic Mice," <u>Eur. J. Immunol.</u> , 29:345-354 (1999).	
↓	212	BICKEL et al., "Site Protected, Cationized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheimer's Diseases," <u>Soc. for Neuroscience Abstracts</u> , 18:764 (1992).	

Examiner Signature	LRO	Date Considered	12/31/04
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Application Number	10 816,380
Filing Date	Herewith
First Named Inventor	Schenk
Art Unit	
Examiner Name	
Attorney Docket Number	

15270J-004736US

(Lm)	97	BLASS, "Immunologic Treatment of Alzheimer's Disease," <u>New England J. Medicine</u> , 341(22):1694 (1999).	<input type="checkbox"/>
	98	BODMER et al., "Transforming Growth Factor-Beta Bound to Soluble Derivatives of the Beta Amyloid Precursor Protein of Alzheimer's Disease," <u>Biochem. Biophys. Res. Comm.</u> , 171(2):890-897 (1990).	<input type="checkbox"/>
	99	BORCHELT et al., "Accelerated Amyloid Deposition in the Brains of Transgenic Mice Coexpressing Mutant Presenilin 1 and Amyloid Precursor Proteins," <u>Neuron</u> , 19: 939-945 (1997).	<input type="checkbox"/>
	418	BORK, P., "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle," <u>Genome Research</u> , 10:398-400 (2000)	<input type="checkbox"/>
	419	BORK et al., "Go hunting in sequence databases but watch out for the traps," <u>Trends in Genetics</u> , 12(10):425-427 (1996).	<input type="checkbox"/>
	100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," <u>Cur. Opin. Genetic Develop.</u> , 3: 102-109 (1993).	<input type="checkbox"/>
	420	BRENNER, S. E., "Errors in genome annotation," <u>Trends in Genetics</u> , 15(4):132-133 (1999).	<input type="checkbox"/>
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	327	CAMERON, "Recent Advances in Transgenic Technology," <u>Molecular Biotechnology</u> , 7:253-265 (1997).	<input type="checkbox"/>
	285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <u>Clin. Neuropharm.</u> , 15:414A-414B (1992).	<input type="checkbox"/>
	421	CASTILLO et al., "Amylin / Islet Amyloid Polypeptide: Biochemistry, Physiology, Patho-Physiology," <u>Diabète &amp; Métabolisme (Paris)</u> , 21:3-25 (1995).	<input type="checkbox"/>
	224	Center for Biologics Evaluation and Research; U.S. Food and Drug Administration, Thimerosal in Vaccines (Mercury in Plasma-Derived Products), web site contents found at : <a href="http://www.fda.gov/cber/vaccine/thimerosal.htm">http://www.fda.gov/cber/vaccine/thimerosal.htm</a> , last updated May 16, 2002.	<input type="checkbox"/>
	102	CHAO et al., "Transforming Growth Factor- $\beta$ Protects human Neurons Against $\beta$ -Amyloid-Induced Injury," <u>Soc. Neurosci. Abstracts</u> , 19:513-7 (1993).	<input type="checkbox"/>
	266	CHAPMAN, "Model behavior," <u>Nature</u> , 408:915-916 (2000).	<input type="checkbox"/>
	349	CHECK, "Battle of the Mind," <u>Nature</u> , 422:370-372 (March 2003).	<input type="checkbox"/>

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Application Number	10 816,380
Filing Date	Herewith
First Named Inventor	Schenk
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Examiner Name	
Attorney Docket Number	15270J-004736US

<i>LJN</i>	222	Chemical Abstract database, Abstract of "Injection of Newborn Mice with Seven Chemical Adjuvants to Help Determine Their Safety in Use in Biologicals," Chemical Abstract database. (Publication date unknown.)	
	332	CHEN et al., "Neurodegenerative Alzheimer-like pathology in PDAPP 717V→F transgenic mice," <u>Progress in Brain Research</u> , Van Leeuwen et al. Eds, 117:327-337 (1998).	
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<i>v</i>	220	Dialog/Derwent, Abstract of WPI Acc No: 1997-054436/199706: Stable vaccine compsns. - comprise a macrocyclic lactone, a milbemycin, an avermectin, an antigen, a dispersing agent, an adjuvant, a water sol. organic solvent and saline or water, Derwent File 351: Derwent WPI database. (Publication date unknown.)	

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Sheet	10	of	24	Attorney Docket Number	15270J-004736US

UR	390	DIOMEDE et al., "Activation effects of a prion protein fragment [PrP-(106-126)] on human leucocytes," <i>Biochem. J.</i> , 320:563-570 (1996).	
	363	DODART, "Immunotherapy for Alzheimer's disease: will vaccination work?" <i>Trends in Molecular Medicine</i> , 9(3):85-87 (2003).	
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	106	FINCH et al., "Evolutionary Perspectives on Amyloid and Inflammatory Features of Alzheimer Disease," <i>Neurobiology of Aging</i> , 17(5):809-815 (1996).	
▼	107	FISHER et al., "Expression of the amyloid precursor protein gene in mouse oocytes and embryos," <i>PNAS</i> , 88:1779-1782 (1991).	

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Filing Date	Herewith
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364	FURLAN et al., "Vaccination with amyloid- $\beta$ peptide induces autoimmune encephalomyelitis in C57/BL6 mice," <u>Brain</u> , 126:285-291 (2003).
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<i>LM</i>	251	GARDELLA et al., "Intact Alzheimer amyloid precursor protein (APP) is present in platelet membranes and is encoded by platelet mRNA," <i>Biochem. Biophys. Res. Comm.</i> , 173:1292-1298 (1990).	
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<i>↓</i>	116	GOZES et al., "Neuroprotective strategy for Alzheimer disease: Intranasal administration of a fatty neuropeptide," <i>PNAS USA</i> , 93:427-432 (1996).	

Examiner Signature	<i>LM</i>	Date Considered	12 3 04
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LW	190	GRAVINA et al., "Amyloid $\beta$ Protein ( $A\beta$ ) in Alzheimer's Disease," <u>J. Biol. Chem.</u> , 270(13):7013-7016 (1995).	
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L/M	413	HOLTZMAN et al., "A $\beta$ immunization and anti-A $\beta$ antibodies: potential therapies for the prevention and treatment of Alzheimer's disease," <u>Advanced Drug Delivery Reviews</u> , 54:1603-1613 (2002).	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	101816,380
(use as many sheets as necessary)				Filing Date	Herewith
				First Named Inventor	Schenk
				Art Unit	
				Examiner Name	
Sheet	15	of	24	Attorney Docket Number	15270J-004736US

LO	347	JORBECK et al., "Artificial <i>Salmonella</i> Vaccines: <i>Salmonella typhimurium</i> O-antigen-Specific Oligosaccharide-Protein Conjugates Elicit Opsonizing Antibodies that Enhance Phagocytosis," <i>Infection and Immunity</i> , May:497-502 (1981).	
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				First Named Inventor	Schenk
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LW	184	LI and SOLOMON, "Thermal Stabilization of Carboxypeptidase A as a Function of PH and Ionic Milieu," <i>Biochem. Mol. Biol. Int.</i> , 43(3):601-611 (1997).
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Application Number	10 816,380
Filing Date	Herewith
First Named Inventor	Schenk
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Examiner Signature	L00	Date Considered	12/3/04
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Filing Date	Herewith
First Named Inventor	Schenk
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Examiner Name	
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L.O.	281	NAKAYAMA et al., "Histopathological studies of senile plaques and cerebral amyloidosis in cynomolgus monkeys," <u>J. of Med. Primatology</u> , 27:244-252 (1998).
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Application Number	10   816,380
Filing Date	Herewith
First Named Inventor	Schenk
Art Unit	
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Attorney Docket Number	15270J-004736US

LJ	269	PHILIPPE, et al. "Generation of a monoclonal antibody to the carboxy-terminal domain of tau by immunization with the amino-terminal domain of the amyloid precursor protein," <u>J. of Neuroscience Res.</u> , 46:709-719 (1996).
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<i>Lan</i>	148	SCHENK et al., "Immunization with amyloid- $\beta$ attenuates Alzheimer-disease-like pathology in the PDAPP mouse," <u>Nature</u> , 400:173-177 (1999).	
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Application Number	10   816,380
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(L)	396	SIGURDSSON et al., "Anti-priori antibodies for prophylaxis following prion exposure in mice," <u>Neurosciences Letters</u> , 336:185-187 (2003).	
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Examiner Signature	(L)	Date Considered	12   3   04
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 22

of 24

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Application Number	10   816,380
Filing Date	Herewith
First Named Inventor	Schenk
Art Unit	
Examiner Name	
Attorney Docket Number	
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(use as many sheets as necessary)		Filing Date	Herewith		
Sheet	23	of	24	First Named Inventor	Schenk
				Art Unit	
				Examiner Name	
				Attorney Docket Number	15270J-004736US

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